

OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT	
Project Name: PEMACO REMEDIAL ACTION	For Week Ending: 2/03/07
Project Location: MAYWOOD, CALIFORNIA	Report #: 2006W25
Name: Mark Prostko	Title: Construction Manager
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Reporting Period: 1/28/2006– 2/03/2007	
Percent field work completed:	
Percent project completed:	
<p>Summary of work completed on site:</p> <ul style="list-style-type: none"> • TN&A made arrangements with Crenshaw Electric to purchase 800A breaker for Riverfront Park metering cabinet. Unit to be available and installed by TN&A the week of 2/5/07. • TN&A made arrangements with SCE to disconnect power at the Riverfront Park metering cabinet on Tuesday 2/6/07 or Wednesday 2/7/07 to enable the existing 1200A breaker to be switched out with new 800A breaker. • Gregg Drilling completed installation of electrodes F7, F10, F11, G3, G4, G5, G10, H3, and H4 as oversight was provided by TN&A/TRS. • Cascade Drilling completed installation of angled electrodes J5, J6, J7 and began drilling at electrode J8 on 2/02/07. • Total of electrodes installed to date. (14 electrodes remain to be installed). No schedule slippage. • TRS/Belshire removed from the site four (4) 20 CY containers of drill cuttings. • TN&A provided CRAINCO crane with operator and unloaded FTO. Placed FTO inside building with ERM and Dunkel Bros. 1/29/07. • Jacob Heffner provided a second crew, exclusive from the crew working in TC Building with ICS/ERM on Thursday 2/1/07 to begin installation of exposition well vault piping. Jacob Heffner (Sub for ERM/ICS) installed well flange piping (above well only) at exposition well vault locations DA-4, DA-5, DA-6, DA-7, DA-8 DB-4, DB-5, DB-6, DB-7 and DB-8. • CLEVECO used Bobcat on site to move pile of dirt, debris, pallets and remnants of shrink wrapping from FTO unit on north side and to expose piping on north side of TC Building for tie-ins. Located 25mm (3/4") ABS airline and 1 1/2" PVC signal conduit in west trench, made connections and ran to within 3' of TC building north wall. Exposed east trench piping for locating GW-3. (Tuesday 1/30/07) • CLEVECO technician hand excavated all lines on north side of TC exposed with Bobcat yesterday. Unloaded and staged 1 1/2", 3" and 6" schedule 40 PVC pipe and fittings required for VE, DPE, GW, ABS and signal conduit tie-ins. (Wednesday 1/31/07) • CLEVECO Crew cut and tied in one (1) 25mm ABS PVC airline and one (1) 1.5" schedule 40 rigid PVC signal conduits in west trench. Crew tied in one (1) 25mm ABS PVC airline and two (2) 1.5" schedule 40 rigid PVC signal conduits in east trench. Crew tied in 3" schedule 40 PVC x 6" schedule 40 PVC (GW-2), 6" schedule 40 PVC (DPE-A), (DPE-B), (DPE-C), (VE-2), (VE-3), (VE-4) and one (1) 1" schedule 40 PVC Tel line in both east and west trenches. Crew will return Friday 2/2/07 to work on rest of tie-ins. (Thursday 2/1/07) • CLEVECO Crew completed connections on the north side of TC Building for GW-3, DPE-D, two (2) 1.5" rigid PVC conduit (east trench), and one (1) 25mm ABS airline (east trench). All piping on north side of TC Building is connected. Pressure testing to be scheduled when vapor line, ABS airline and GW valves within the exposition well vaults are installed. (Friday 2/02/07). • ERM/ICS used Dunkel Bros. with two (2) forklifts and two (2) operators to move FTO unit into place once CRAINCO spotted unit. Dunkel Bros. jockeyed the FTO unit inside the TC Building after CRAINCO placed it partially inside. (Monday 1/29/07). • ERM/ICS/Jeffries Electrical/Jacob & Heffner installed : • (Monday 1/29/07).VE-1 gear drive butterfly valve (V-101), installed two (2) 6" schedule 80 PVC 90's from VE-1 to manifold. Installed two (2) 6" flanges schedule 80 PVC, ~3' x 6" spool piece of schedule 80 PVC pipe, three (3) 6" schedule 80 PVC 90's, 1.5' piece of 6" schedule 80 PVC pipe, and connected to butterfly valve V-109 on inlet of T-101. Outlet of T-101 installed 2- 6" schedule 80 PVC 90's, 1- 2.5' x 6" schedule 80 PVC pipe, 1- 3.5' x 6" schedule 80 PVC pipe to inlet of F-101/F-102. Installed P-501 and connected 2" schedule 80 PVC suction line to T-101. Installed 2" schedule 80 PVC discharge including 2" PVC flanges at pump from P-501 with the following fittings: 2" PVC CV (V-502), 2" PVC BV (V-503), five (5) 2" schedule 80 PVC 90's, ~ 12' of 2" schedule 80 PVC pipe, four (4) 2" PVC flanges, and one (1) 2" schedule 80 PVC tee. Installed flanged BV (V-505) at 90 degree for P-502 (sump pump) and installed 2" schedule 80 PVC x 6' long pipe stub. Installed 3" schedule 80 PVC piping for F-403/F-404 filters. 	

OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT CONT'D.

- Installed 3" BV's (V-425, V-426, V-427, V-428 and V-429). Installed two (2) 3" schedule 80 PVC tees. Installed 6" to 8" schedule 80 PVC thread x PVC adapter for inlet to B-301 (blower).
- **(Tuesday 1/30/07)** Unistrut, all thread pipe supports and ~8' of 8" schedule 80 PVC pipe between outlet manifold of T-301/T-302 and inlet of B-301. Installed 3" schedule 80 PVC flanged 90 on F-401. Installed 2" schedule 80 PVC flange, 2" PVC ball valve (V-416), 3" x 2" schedule 80 PVC reducer and 3" schedule 80 PVC 90 on F-402. Installed 2" schedule 80 PVC x ~18" long flanged spool piece on outlet side of F-501/F-502 between filters and tank T-402. Installed 3" schedule 80 PVC flange, 3" schedule 80 PVC tee, and 3" union ball valve V-424 (drawing M-1 shows butterfly valve) between P-502 and F403/F-404. Installed 3" schedule 80 PVC flange, 3" schedule 80 PVC tee, 3" union ball valve V-429 on outlet of F-403/F-404.
Jeffries Electrical moved MCC panel to the north 3" to provide clearance for northernmost 4" PVC electrical main power conduit. Installed VC Package control panel on north wall TC Building near west side of northern rollup doorway. Bolted unit to the concrete floor. Used unistrut bracing to bolt unit to the building wall skin and to the steel beam for building. Installed control panel for B-301. Bolted unit to floor with unistrut supports
- **(Wednesday 1/31/07)** Installed three (3) 3" schedule 80 PVC 90's and ~ 30' of 3" schedule 80 PVC pipe from F-403/F-404 to T-303/T-304. Installed 8" schedule 80 PVC pipe x ~6', two (2) 8" schedule 80 PVC 90's between B-301 and tied into T-301/T-302. Cut down 6" schedule 80 PVC outer containment pipe stub ups for GW-1, GW-2 and GW-3 inside TC Building along north wall. Installed three (3) 3" schedule 80 PVC couplings, three (3) 3" schedule 80 PVC pipe x ~3' and installed CV's V-401, V-403, V-405 and BV's V-402, V-404 and V-406. Installed 3" schedule 80 PVC bulkhead fitting, 3" schedule 80 PVC x MPT adapter, 3" schedule 80 PVC 90 and 2' length of pipe from T-101 (inlet to T-101 from GW header). Installed two (2) 8" schedule 80 PVC 90's, 8" schedule 80 PVC x ~2' pipe and flame arrestor FA-301 between 8" line from T-301/T-302 and VC package. Installed air compressor piping 1 1/2" galvanized steel pipe from receiver tank T-601, installed BV's V-601, V-604, V-605, CV-101 solenoid, and regulator R-601. Moved main power panel to the north 3" to provide clearance for northernmost 4" PVC electrical main power conduit in the electrical room. **Jeffries Electrical** Relocated VC Package control panel on north wall TC Building near west side of northern rollup doorway to accommodate the 8" schedule 80 PVC piping to FTO unit. Installed ~ 40' of 2" steel conduit overhead from VC package (H-201A-B) control panel towards the electrical room using the unistrut supports installed previously. Installed wiring from LRB motors (B-101/B-102) to LRB control panel.
- **(Thursday 2/01/07).** Installed 8" schedule 80 CPVC, one 8" flange, one 8" schedule 80 CPVC 90 and ~10' of 8" schedule 80 CPVC pipe for inlet of FTO unit (portion of piping between F-103/F-104 and the FTO). Rotated skid and piping for F403/F404 to create more room for the 8" fiberglass exhaust and sampling stack that will be installed at outlet of B-301. Rick Lainhart, MP and NC agreed on changes. Completed 1 1/2" galvanized and 2" ABS airline piping for the air compressor system, with the exception of the silencer. Installed regulators R-603, R-604, R-605, and R-606. Installed 3" sight glass for T-401. Installed 3" schedule 80 PVC clear pipe. Installed six (6) 3" schedule 80 PVC tees (T-401) and four (4) level indicators. Installed 3" sight glass for T-401. Installed 3" schedule 80 PVC clear pipe. Installed six (6) 3" schedule 80 PVC tees (T-401) and four (4) level indicators. Installed 3" sight glass for T-402. Installed 3" schedule 80 PVC clear pipe. Installed three (3) 3" schedule 80 PVC tees (T-402), one (1) 3" schedule 80 PVC cross and two (2) level indicators. Installed 3" sight glass for T-101. Installed 3" schedule 80 PVC clear pipe. Installed four (4) 3" schedule 80 PVC tees (T-101), one (1) 3" schedule 80 PVC cross and three (3) level indicators. Completed 3" schedule 80 PVC piping from T-401 to T-402, installed five (5) 3" schedule 80 PVC flanges, installed four (4) 3" schedule 80 PVC 90's, ~ 10' of 3" schedule 80 PVC pipe and FQI-201 flow indicator/totalizer. Installed three (3) 4" schedule 80 PVC wyes, three (3) 4" x 3" schedule 80 reducers, and three (3) 3" schedule 80 PVC 45 degree ells. **Jacob & Heffner** DA-8 and DB-8, QED AP-4 well pumps have to be installed at a later date.
- **(Friday 2/02/07).** Installed all bolts/nuts on the flanges for the valves V-101 through V-108 on the vapor manifold piping. Total of 8 sets of nuts/bolts. Installed 3" actuated valve V-407 with flanges on GW manifold. Installed FQI-201 on line between filters F-401/F-402 and T-402. Installed FQI-501 on line between filters F-501/F-502 and T-402. **Jeffries Electrical** Installed 2 1/2" galvanized steel conduit ~ 60' from control panel B-301/B-302 to the electrical room. Installed 2" galvanized steel conduit ~ 40' picking up the conduit from where the conduit from the VC package was installed Thursday 2/1/07 and continued to the electrical room. Pulled wires and installed flex conduit from B-301/B-302 to the control panel for B-301/B-302. **Jacob & Heffner** crew completed valve installations for GW, ABS airline and vapor piping at the following locations: DA-4, DB-4, DA-5, DB-5, DA-6, DB-6, DA-7, and DB-7.

Health and Safety (1/27/2006 to 2/03/2007)

- No accidents or incidents involving personnel to report within the past week.
- Perimeter dust monitoring program is being performed and documented.
- Since August 4, a total of 111 work days have been completed without a lost time incident.
- Daily safety meeting records were completed by Dave Klein and Mark Prostko this week and kept on file in the office trailer.
- Daily safety meetings have included discussions and topics taken from EM385-1-1 in the construction area as well as specific AHA's related to individual tasks.

OMAHA DISTRICT RAPID RESPONSE WEEKLY REPORT CONT'D.
Summary of work completed off site: <ul style="list-style-type: none"> None
Explanation of deviation from work plan (including modifications and schedule slippages): <ul style="list-style-type: none"> None
Recommendations: None
Key personnel changes: Paul Bianco (TRS) joined Jeff Fujita (TRS). Paul took over for Jeff after Monday for the rest of the week through 2/2/07. Jacob & Heffner supplied a crew to work exclusively on exposition well vault piping. Mark Garon (MK Environmental) was on site this week to assist with piping to MK supplied equipment.
<p>Work anticipated to be performed the following week:</p> <ol style="list-style-type: none"> 1. TRS/Gregg will continue with the installation of electrodes with two drill rigs. 2. TRS/Gregg will complete TMP28, as soon as the area is backfilled. Backfilling is scheduled for Tuesday 2/12/07. 3. ERM/ICS will continue with the installation of process piping for treatment system equipment and specific work will be noted daily on the QC report. 4. ERM /Jeffries Electrical will continue installation of high voltage conduit to equipment and low voltage conduit for process instrumentation and controls. 5. ERM/Jacob & Heffner will continue with the installation of exposition well vault piping. 6. CLEVECO will pressure test and backfill the new piping installed for the VE, DPE, ABS airlines, and GW lines on north side of TC Building. 7. Continue with the process of obtaining bids for site work. (Write SOW/RFP and send to contractors for solicitation)
<p>Schedule for three week look ahead (Week of 2/12/07)</p> <p>(Note that a three-week "Look-ahead" schedule was sent out separately):</p> <ol style="list-style-type: none"> 1. ERM will continue with installation of TC piping (Vapor, GW and airline) for treatment system equipment. 2. TRS will continue to install electrode wells using two (2) existing drill rigs. 3. CLEVECO will 4. CLEVECO will install fabricated 8" fiberglass exhaust stack for B-301 and start installation of 5. See three- week look ahead schedule for more details.
Overall construction schedule variances: None
<p>Submittals and key correspondence since last report:</p> <ul style="list-style-type: none"> Daily QC reports and site photos. Weekly report.
<p>Quality control:</p> <p>Status of on and off-site work and testing:</p> <ul style="list-style-type: none"> All work details are being noted on the Daily QC Report. <p>Rework Items Identified within the past week:</p> <p>None</p> <p>Rework Items corrected within the past week:</p> <p>None</p>
<p>Cost Report:</p> <p>[Will be provided in Separate Report]</p>
Contract Status/Issues: None
Other remarks: None
Prepared by: Mark Prostko – Construction Manager